<u>IN THE CLAIMS</u>:

The following is a complete listing of the claims. This listing replaces all prior and earlier versions of the claims.

Claim 1 (canceled)

Claim 2 (currently amended): ~~The method according to claim 1,~~ <u>A data transmission method for host and target devices connected by a serial bus, said method comprising the steps of:</u>

<u>performing bi-directional communication by using an initial protocol between the host and target devices; and</u>

<u>selectively setting a data transfer method to be performed from a plurality of data transfer methods including a synchronous transfer method, which performs flow control, and an asynchronous transfer method by using the bi-directional communication,</u>

wherein <u>the data transfer method is set by the host device in accordance with a data transfer method set in the target device, and</u> the plurality of data transfer methods [[includes]] <u>include</u> a PULL model, in which the target device reads data from the host device, a response model, in which a response is returned in a unit of block transfer, a simplified response model, in which a response of the [[simplified]] response model is to simplify, a PUSH model, in which the host device writes data into the target device, and an isochronous model, which uses an isochronous transfer.

Claim 3 (canceled)

Claim ~~4~~ 2 (previously presented): The method according to claim ~~2~~ 1, wherein

the PULL model is a PULL data transfer method in which data transfer is performed by

reading data of the host device by the target device.

Claim ~~5~~ 3 (currently amended): The method according to claim [[1]] 2,

wherein the serial bus is a bus adapted to or based on IEEE 1394 standards.

Claim ~~6~~ 4 (currently amended): The method according to claim [[1]] 2,

wherein the serial bus is a bus adapted to or based on Universal Serial Bus standards.

Claim ~~7~~ 5 (currently amended): The method according to claim [[1]] 2,

wherein the host device provides image data.

Claim ~~8~~ 6 (previously presented): The method according to claim ~~7~~ 5, wherein

the target device forms a visible image, based on the image data, on a print medium.

Claim ~~9~~ 7 (previously presented): The method according to claim ~~7~~ 5, wherein

the target device stores the image data into a storage medium.

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Claim 8 (currently amended): An image processing apparatus comprising:

a communication section, arranged to perform communication with a target device by:

performing bi-directional communication by using an initial protocol between a host device and the target device, and

selectively setting a data transfer method to be performed from a plurality of data transfer methods including a synchronous transfer method, which performs flow control, and an asynchronous transfer method by using the bi-directional communication, wherein the data transfer method is set by the host device in accordance with a data transfer method set in the target device; and

a transmitter, arranged to transmit image data to the target device via said communication section,

wherein the plurality of data transfer methods include a PULL model, in which the target device reads data from the apparatus, a response model, in which a response is returned in a unit of block transfer, a simplified response model, in which a response of the response model is to simplify, a PUSH model in which the apparatus writes data into the target device, and an isochronous model, which uses an isochronous transfer.

Claim 9 (currently amended): An image processing apparatus comprising:

a communication section, arranged to perform communication with a host device by:

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performing bi-directional communication by using an initial protocol between the host device and a target device, and

selectively setting a data transfer method to be performed from a plurality of data transfer methods including a synchronous transfer method, which performs flow control, and an asynchronous transfer method by using the bi-directional communication, wherein the data transfer method is set by the host device in accordance with a data transfer method set in the target device; and

a processor, arranged to process image data received from the host device via said communication section,

wherein the plurality of data transfer methods include a PULL model, in which the target device reads data from the apparatus, a response model, in which a response is returned in a unit of block transfer, a simplified response model, in which a response of the response model is to simplify, a PUSH model in which the apparatus writes data into the target device, and an isochronous model, which uses an isochronous transfer.

Claim 12 (canceled)

Claim 13 (currently amended): ~~The apparatus according to claim 12;~~ A data transmission apparatus connected to a serial bus, comprising:

a communication section, arranged to perform bi-directional communication by using an initial protocol with a target device; and

a setting section, arranged to selectively set a data transfer method to be performed from a plurality of data transfer methods including a synchronous transfer

method, which performs flow control, and an asynchronous transfer method by using the

bi-directional communication,

wherein the data transfer method is set in accordance with a data transfer

method set in the target device, and the plurality of data transfer methods [[includes]]

include a PULL mode, in which the target device reads data from the apparatus, a response

model, in which a response is returned in a unit of block transfer, a simplified response

model, in which a response of the [[simplified]] response model is to simplify, a PUSH

model, in which the apparatus writes data into the target device, and an isochronous model,

which uses an isochronous transfer.

Claim 14 (canceled)

Claim 15 (previously presented): The apparatus according to claim 13,

wherein the PULL model is a PULL data transfer method in which data transfer is

performed by reading data of said apparatus by the target device.

Claim 16 (currently amended): The apparatus according to claim [[12]]13,

wherein image data is transferred.

Claim 17 (canceled)

Claim 18 (currently amended) ~~The apparatus according to claim 17,~~ A data

transmission apparatus connected to a serial bus, said apparatus comprising:

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a communication section, arranged to perform bi-directional communication by using an initial protocol with a host device; and

a transfer section, arranged to perform data transfer with the host device by a data transfer method selectively set from a plurality of data transfer methods including a synchronous transfer method, which performs flow control, and an asynchronous transfer method by using the bi-directional communication,

wherein the data transfer method is set by the host device in accordance with a data transfer method set in the apparatus, and the plurality of data transfer methods [[includes]] include a PULL model, in which said apparatus reads data from the host device, a response model, in which a response is returned in a unit of block transfer, a simplified response model, in which a response of the [[simplified]] response model is to simplify, a PUSH model, in which the host device writes data into said apparatus, and an isochronous model, which uses an isochronous transfer.

Claim 19 (canceled)

Claim 20 (previously presented): The apparatus according to claim 18, wherein the PULL model is a PULL data transfer method in which data transfer is performed by reading data of the host device by said apparatus.

Claim 21 (currently amended): The apparatus according to claim [[17]] 18, further comprising a formation section arranged to form a visible image on a print medium based on data received by said transfer section.

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Claim 22 (canceled)

Claim 23 (currently amended): ~~The system according to claim 22,~~ A data transmission system for transferring data through a serial bus, comprising:

a communication section, arranged to perform bi-directional communication by using an initial protocol between host and target devices; and

a setting section, arranged to selectively set a data transfer method to be performed from a plurality of data transfer methods, including a synchronous transfer method, which performs flow control, and an asynchronous transfer method by using the bi-directional communication,

wherein the data transfer method is set by the host device in accordance with a data transfer method set in the target device, and the plurality of data transfer methods [[includes]] include a PULL model, in which the target device reads data from the host device, a response model, in which a response is returned in a unit of block transfer, a simplified response model, in which a response of the [[simplified]] response model is to simplify, a PUSH model, in which the host device writes data into the target device, and an isochronous model, which uses an isochronous transfer.

Claims 24-51 (canceled)

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